

Converting Colors

$Y_{xy}(43.5415, 0.3233, 0.3122)$

Have a look what the booklet for
Yxy(43.5415, 0.3233, 0.3122)
contains.

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Color

Yxy(43.6377, 0.3235, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	C2AAB7
RGB	194, 170, 183
RGB Percent	76%, 67%, 72%
CMY	0.2391, 0.3333, 0.2824
CMYK	0.00, 0.12, 0.06, 0.24
HSL	328°, 16%, 71%
HSV	328°, 12%, 76%
XYZ	45.1737, 43.6377, 50.8292
YIQ	178.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

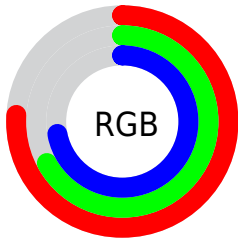
Format	Color
RYB	194, 170, 183
Decimal	12757687
CIELab	71.99, 10.95, -3.45
CIElCh	72, 11.481, 342.517
Yxy	43.6377, 0.3235, 0.3125
Android (android.graphics.Color)	4290947767 (0xFFC2AAB7)
YUV	178.6580, 2.1406, 13.4549
Hunter-Lab	66.0588, 6.4627, 0.6203

Details

The Yxy color $43.6377, 0.3235, 0.3125$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.4809, 0.3032, 0.3461$, and the grayscale version is $44.8742, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5917, 0.3217, 0.3151$, and $20.1440, 0.3263, 0.3082$ is the 20% darker color. If you saturate the color by 10%, you get $36.5342, 0.3342, 0.2985$, and if you desaturate by 10%, it is $51.8422, 0.3146, 0.3259$.

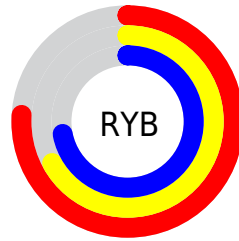
Distribution



Red (76%)

Green (67%)

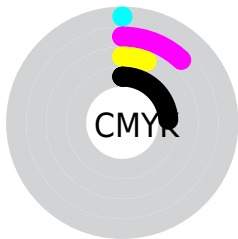
Blue (72%)



Red (76%)

Yellow (67%)

Blue (72%)

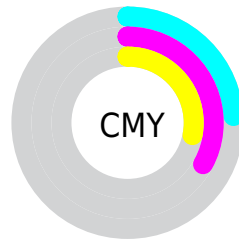


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6377, 0.3235, 0.3125 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 43.6377, 0.3235, 0.3125 by changing the saturation by 10% instead.


 43.6377, 0.3235,
0.3125

 43.6377, 0.3235,
0.3125

361.2278, 0.3181,
0.3207

 30.3858, 0.3249,
0.3104


 80.6723, 0.3215,
0.3155

 20.1316, 0.3266,
0.3078


105.2238, 0.3208,
0.3166

 12.4907, 0.3289,
0.3043


134.3105, 0.3202,
0.3176

 7.0788, 0.3322,
0.2994

168.3170, 0.3196,
0.3184

 3.5114, 0.3371,
0.2920

207.6276, 0.3192,
0.3191

 1.4042, 0.3452,
0.2799

252.6266, 0.3188,

 0.2198, 0.4048,

0.3197

0.1868

303.6986, 0.3184,
0.3203

0.0000, 0.0000,
0.0000

43.6377, 0.3235,
0.3125

43.6377, 0.3235,
0.3125

36.5342, 0.3342,
0.2985

51.8422, 0.3146,
0.3259

30.4787, 0.3468,
0.2841

61.1864, 0.3072,
0.3385

25.4223, 0.3617,
0.2701

71.7140, 0.3011,
0.3502

21.3101, 0.3789,
0.2571

83.4650, 0.2960,
0.3610

18.0816, 0.3982,
0.2461

88.5721, 0.2914,
0.3587

■ 15.6694, 0.4192,
0.2385

■ 89.0794, 0.2867,
0.3488

■ 13.9962, 0.4412,
0.2352

■ 89.6127, 0.2821,
0.3391

■ 12.9695, 0.4632,
0.2372

■ 90.1722, 0.2776,
0.3296

■ 12.4892, 0.4796,
0.2416

■ 90.2133, 0.2773,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.6377, 0.3069, 0.3038



43.6377, 0.3235, 0.3125



43.6377, 0.3375, 0.3254

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.6377, 0.3235, 0.3125



43.6377, 0.3332, 0.3576



43.6377, 0.2817, 0.3172

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.6377, 0.3235, 0.3125



50.4809, 0.3032, 0.3461

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.6377, 0.2884, 0.3320



43.6377, 0.3235, 0.3125



43.6377, 0.3179, 0.3559

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.6377, 0.3235, 0.3125



43.6377, 0.3431, 0.3513



43.6377, 0.3016, 0.3464



43.6377, 0.2831, 0.3061

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.6377, 0.3235, 0.3125



43.6377, 0.3433, 0.3349



43.6377, 0.3016, 0.3464



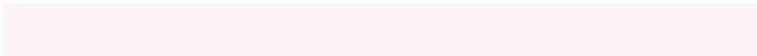
43.6377, 0.2831, 0.3219

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.6396, 0.3235, 0.3125



91.2589, 0.3160, 0.3237



42.4457, 0.3025, 0.2978



19.7253, 0.3166, 0.3227



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.6396, 0.3235, 0.3125



75.1683, 0.3263, 0.3086



43.1695, 0.3338, 0.3275



10.1668, 0.3206, 0.3166



8.2252, 0.4769, 0.2401



0.3692, 0.4330, 0.2159

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.6396, 0.3235, 0.3125



75.1683, 0.3263, 0.3086



50.9853, 0.2948, 0.3305



10.1668, 0.3206, 0.3166



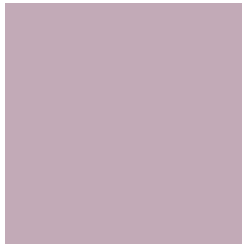
8.2252, 0.4769, 0.2401



0.3692, 0.4330, 0.2159

Previews

White Background



This preview shows how the Yxy color 43.6377, 0.3235, 0.3125 looks on a white background.

Color Contrast Check

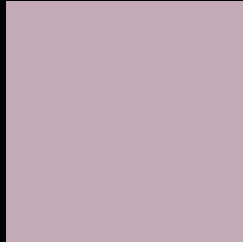
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 43.6377, 0.3235, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

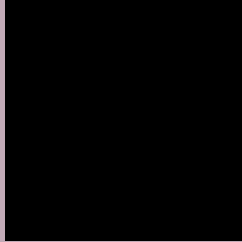
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6377, 0.3235, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 43.6377, 0.3235, 0.3125.



This preview shows how white text looks on a background with the Yxy color 43.6377, 0.3235, 0.3125.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.6377, 0.3235, 0.3125

Protanopia

43.9430, 0.3056, 0.3158

Deuteranopia

43.6211, 0.3206, 0.3136



Tritanopia

43.6377, 0.3235, 0.3125

Trichromacy



Original Color

43.6377, 0.3235, 0.3125

Protanomaly

43.8422, 0.3116, 0.3146

Deuteranomaly

43.7512, 0.3215, 0.3137

Tritanomaly

43.6377, 0.3235, 0.3125

Monochromacy



Original Color

43.6377, 0.3235, 0.3125

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5363, 0.3165, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6377, 0.3235, 0.3125 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 170, 183)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 170, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.6377, 0.3235, 0.3125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 170, 183) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 170, 183) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 170,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6377, 0.3235, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 170, 183) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
170, 183) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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